



Edward Kolodziej

Senior Project Manager – Environmental Remediation

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October 9, 2015

Todd Gmitro
Corrective Action Project Manager
Remediation and Reuse Branch - U.S. EPA Region 5
77 W. Jackson Blvd. (LU-9J)
Chicago, IL 60604

Re: General Electric Company, Evendale, Ohio
OHD 000 817 312
Progress Report

Dear Mr. Gmitro:

Please find attached the Third Quarter 2015 Progress Report. If you have any questions, please contact me at (610) 992-7981.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manages the system or those persons directly responsible for gathering the information, the information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in blue ink that reads 'Ed Kolodziej'.

Ed Kolodziej
Senior Project Manager – Environmental Remediation

cc: Chief Mike Hauck, Evendale Fire Department
Tim Hull, OEPA
Ralph Mertz, BUSTR (Incident Number: 31001060)
John Wolfe, United States Air Force
Kent Scott-Smith, United States Air Force
Joanne Reinhold, GE

Description of Work Completed in Third Quarter 2015:

- Initiated pilot testing of alternate pumping strategies, including temporary shutdown, of extraction wells EW-7S and EW-8D on August 11, 2015. The purpose of the pilot test is to evaluate the potential benefits of an alternate pumping approach, as outlined in the Corrective Measures Study (CMS) Work Plan.
- Except for during pilot testing, performed continuous pumping from extraction wells in each water-bearing unit. The average pumping rates for the third quarter 2015 were:

<u>Well ID</u>	<u>Unit</u>	<u>3Q 2015 Average Pumping Rate (gpm)</u>
EW-2P	Perched	28
EW-4P	Perched	45
EW-5P	Perched	25
EW-6P	Perched	18
EW-7S	USG	4 (prior to pilot)/3 (during pilot)
EW-3D	LSG	50
EW-8D	LSG	<u>49(prior to pilot)/30(during pilot)</u>
		Total 3Q-15 Ave. = 207 gpm

- Continued progress monitoring of aquifer conditions in the three water-bearing units in accordance with the Performance Monitoring Plan (PMP). Submitted the 2nd quarter and 1st semiannual groundwater monitoring report to USEPA on September 8, 2015.
- Conducted the 3rd quarter 2015 IRM groundwater sampling during the first week of September 2015.
- Continued operating the IRM groundwater treatment plant, including scheduled and unscheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters. Operational run-time for the treatment plant was 99.3% for the quarter.
- Decommissioned the former AFP36 air stripper system and IRM recovery wells RW-301, RW-306, and AF-INT-1, in accordance with the notification sent to USEPA on February 18, 2015. The recovery wells were decommissioned during 1st Quarter 2015 and the inactive AFP 36 air stripper system was decommissioned during the first week of 2nd Quarter 2015. A report documenting the decommissioning efforts was submitted to USEPA via email on October 6, 2015.
- Continued CMS activities associated with interim reports as outlined in the approved May 2014 CMS Work Plan, including reports pertaining to groundwater corrective measure objectives (CMOs) and institutional and engineering controls (I&EC) planning. These interim reports are anticipated to be submitted in the 4th quarter 2015.
- Held an informal meeting with USEPA on July 30, 2015 to review the soil vapor interim report. Following this meeting, USEPA submitted an internal review of the soil vapor interim report to GE on the same day. In its preliminary review comments, EPA agreed with the recommendation for no further action off-site. Also, EPA recommended additional on-site vapor assessment activities for Buildings 500, 700, 703, and 800.
- The Tier I submittal to BUSTR regarding the Bldg 500 UST is still pending approval. Upon BUSTR approval of the Tier I submittal, Tier II activities may be performed.

- Completed clean-up and backfilling of four manholes and a Cart Wash area in Building 700, discovered during renovations. The work was completed in accordance with the work plan emailed to USEPA on January 15, 2015. The summary report for these activities was submitted to USEPA on September 30, 2015.
- Demolition of Building B on the south side of the Facility began in September 2015 in accordance with GE's site-wide renovation and growth plans. As a result of this activity, access to certain wells for sampling may be restricted. If a well(s) is not included in the routine sampling events, those will be noted in the quarterly reports.
- The Ohio Department of Transportation (ODOT) notified GE that they plan to purchase GE property and construct a new public roadway along the western portion of the Facility. GE is currently negotiating the purchase and sale agreement with ODOT. Based on preliminary roadway plans, there may be impact to some monitoring or extraction wells. USEPA will be notified of possible impacts if they are confirmed between GE and ODOT.

Summary of All Findings:

- None

Contacts with the Public:

- None

Problems or Potential Problems Encountered:

- None

Actions Taken to Rectify Problems:

- None

Changes in Personnel During Reporting Period:

- None

Projected Work for Fourth Quarter 2015:

- Continue pumping in the three aquifer zones (Perched, USG and LSG) and progress monitoring of aquifer conditions as outlined in the PMP. Conduct IRM water level monitoring and transducer download in early October 2015.
- Continue operating the IRM groundwater treatment plant, including scheduled maintenance activities, permit compliance sampling and analysis, and reporting of key operational parameters.
- Continue CMS pilot testing of extraction wells EW-7S and EW-8D.
- Complete CMS interim reports for I&EC Plan and groundwater CMOs and submit to USEPA.
- Begin preparation of the 3rd quarter IRM groundwater monitoring report.
- Conduct 4th quarter IRM groundwater monitoring in late November and early December 2015.
- Collect shallow soil vapor samples from the eleven sampling locations in December 2015 as part of the 2nd semiannual vapor sampling event.

- Perform minor well repairs on approximately 20 monitoring wells.
- Submit a Tier II report for the Bldg 500 UST pending BUSTR acceptance of the Tier I report.
- Continue preparation of a work plan for an on-site vapor assessment for Buildings 500, 700, 703, and 800.

Copies of Daily Reports and Laboratory/Monitoring Data:

- None